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TRAINING PROGRAM FOR THE ANALYSIS OF FORENSIC CASEWORK USING PCR-BASED STR FLUORESCENCE IMAGING ANALYSIS AT THE POWERPLEX® 16 BIO LOCI	Issue No. 2
	Effective Date: 1-August-2005
<p>2 SAFETY</p> <p>2.1 Bloodborne Pathogen</p> <p>All trainees will attend a course on bloodborne pathogen training organized by the Department's Safety Coordinator.</p> <p>2.2 Hazards</p> <p>Each individual working in the laboratory of the Forensic Biology Section must be acutely aware of the potential hazards inherent in his/her work. These hazards include, but are not limited to:</p> <p>2.2.1 Infectious agents, such as those associated with:</p> <ul style="list-style-type: none"> • Hepatitis • AIDS • Sexually transmitted diseases • Parasitic infections • Bacterial infections <p>2.2.2 Hazardous materials, such as:</p> <ul style="list-style-type: none"> • Ethidium bromide • Acids and bases • Organic chemicals <p>2.3. Safety Procedures</p> <p>2.3.1 Reference: Department of Forensic Science Safety Manual</p> <p>2.3.1.1 All trainees are required to read and be familiar with the Department of Forensic Science Safety Manual.</p> <p>2.3.2 Personal protection</p> <p>2.3.2.1 Use gloves, safety glasses and other protective clothing and equipment.</p> <p>2.3.2.2 Avoid production of aerosols.</p> <p>2.3.2.3 No mouth pipetting.</p> <p>2.3.2.4 Material Safety Data Sheets (MSDS)</p> <p>2.3.2.4.1 Read and be familiar with the prescribed precautions for the handling of all chemical used in a particular procedure <u>before performing the procedure.</u></p>	

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<p>2.3.3 Biosafety Practices</p> <p>2.3.3.1 Follow prescribed cleaning procedures for yourself, your work areas, and equipment.</p> <p>2.3.3.2 All biological materials and containers/supplies that have come in contact with biological materials and/or hazardous chemicals will be placed in biohazard bags, which will be disposed of according to approved guidelines.</p> <p>2.3.3.3 All glassware for disposal will be placed in the broken glass containers, which will be disposed of according to approved guidelines.</p> <p>2.3.3.4 Organic and other hazardous chemicals (e.g., phenol, ethidium bromide) will be retained in appropriately labeled containers in a hood until picked up by a disposal company.</p> <p style="text-align: right;">◆END</p>	